

**Metal Emergency Stop Station - 1 red Mushroom head
Pushbutton Ø40 key (n455) release 1NO + 2NC contact blocks**

Main

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| Range of Product | Harmony XAP |
| Product or component type | Die Cast complete control station |
| Device short name | XAPK |
| Product destination | For XB4 Ø22 mm control and signalling unit |
| Control station application | Emergency stop function |
| Colour of base of enclosure | Blue |
| Colour of cover | Yellow |
| Material | Zinc Alloy |
| Operator profile | Red mushroom head Ø 40 mm pushbutton |
| Operators description | Emergency Stop Trigger action, 1NO + 2NC |
| Reset | Key release, n 455 key |
| Control station composition | 1 red Emergency Stop pushbutton - 1No + 2 NC with "EMERGENCY STOP" marking |
| Contacts operation | Slow-break |

Complementary

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| Cable entry | 2 knock-outs for ISO M20 cable-gland |
| Product weight | 0.645 Kg |
| Positive opening | With conforming to EN/IEC 60947-5-1 appendix K |
| Operating travel | 1.5 mm NO and NC changing electrical state 4.3 mm total travel |
| Operating force | 44 N |
| Mechanical durability | 300000 cycles |
| Connections - terminals | Screw clamp terminals <= 2 x 1.5 mm ² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals >= 1 x 0.22 mm ² without cable end conforming to EN/IEC 60947-1 |
| Tightening torque | 0.8...1.2 N.m conforming to EN/IEC 60947-1 |
| Shape of screw head | Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm |
| Contacts material | Silver alloy (Ag/Ni) |
| Short circuit protection | 10 A cartridge fuse, gG conforming to EN/IEC 60947-5-1 |
| [I _{th}] conventional free air thermal current | 10 A conforming to EN/IEC 60947-5-1 |
| [U _i] rated insulation voltage | 600 V, degree of pollution: 3 conforming to EN/IEC 60947-1 |
| [U _{imp}] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-1 |
| [I _e] rated operational current | 3 A at 240 V AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V AC-15, A600 conforming to EN/IEC 60947-5-1 |
| Electrical durability | 1000000 cycles AC-15 at 2 A 230 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 3 A 120 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 4 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 at 0.2 A 110 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 at 0.5 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C |
| Electrical reliability IEC 60947-5-4 | $\lambda < 10\exp(-6)$ at 5 V and 1 mA conforming to EN/IEC 60947-5-4 $\lambda < 10\exp(-8)$ at 17 V and 5 mA conforming to EN/IEC 60947-5-4 |

Environment

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| Protective treatment | TC |
| Ambient air temperature for storage | -40...70 °C |
| Ambient air temperature for operation | -25...70 °C |
| Class of protection against electric shock | Class I conforming to IEC 60536 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| NEMA degree of protection | NEMA 13 |
| IK degree of protection | IK03 conforming to EN 50102 |
| Standards | EN/IEC 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 EN/ISO 13850 |
| Vibration resistance | 5 gn (f = 12...500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (18 ms half sine wave acceleration) conforming to IEC 60068-2-27 50 gn (11 ms half sine wave acceleration) conforming to IEC 60068-2-27 |

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